

2026

CERTIFIED
ISO 9001

HAYKAL PLAST SAL
PLASTICS SOLUTIONS

PVC PIPES
PRODUCTS CATALOG

COMPANY PROFILE

Haykal Plast s.a.l has been a leading manufacturer of **PVC & PE pipes** and **fittings.**

Haykal Plast was founded in **1993,** and the main factory is located in **Zouk Mosbeh, and our new location in Hsoun.**

Production capacity of the unplasticised Polyvinyl Chloride (uPVC) Pipe Plant is **8,000** Tons per year, and **4,000** Tons of HDPE 100, and 3,000 Tons of PPR per year.



Standards	Application
EN 1329	Soil and Water Pipes
DIN 19531	Soil and Water Pipes
EN 1401	Underground and Sewer Pipes
DIN 19534	Underground and Sewer Pipes
NFT 018-54	Telecommunication Pipes
EN 1452	Pressure Pipes
EN 61386	Electric Pipes
DIN 8077/8078	Hot and Cold Water Pipes

OVERVIEW

Haykal Plast provides customers with a number of solutions to all requirements that may arise in the commercial and private drainage sector.

BENEFITS

- **Low weight**
- **Abrasion resistance**
- **Good hydraulic properties**
- **High impact / tensile strength**
- **Chemical resistivity:** uPVC pipes are resistant to damage from alkalis and acid alike
- **Environmental:** PVC uses less renewable resources and is extensively recyclable
- **Smoothness:** the smooth inner surface of uPVC pipes allows a significantly greater flow compared to other non-PVC alternatives (low friction coefficient)
- **Electrical resistivity:** uPVC pipes are non-conductive, and thus are not affected by electro-chemical corrosion
- **Flame resistance:** uPVC pipes have a high kindling point; they do not burn without an external ignition source (exceeding 450° Celsius) and are self-extinguishing
- **Dimensions range from 50mm to 400mm for waste and sewage applications as well as for electrical, telecommunication systems, pressure, and potable systems**

MIA PLAST *R-PIPE-UD* /400 x 9.8MM x 6M/ NORM EN1401-1 SN4 kN/m2



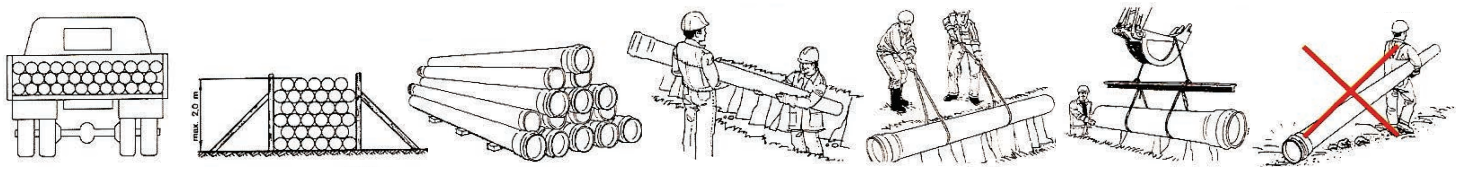
USE & APPLICATION

Haykal Plast uPVC pipes are manufactured to suit various applications:

- Cable ducts for electrical and telecommunication cables
- Ventilation and building soil waste elimination whithin the building
- Underground drainage and sewer networks
- Potable Water distribution and pressurised systems

STORAGE & TRANSPORTATION

- Pipes are stacked on a flat and level surface
- Surface is free from any sharp objects that may result in irrepairable damage or deformation
- Loose pipes are stored on a stable platform
- Loading pipes on the vehicle is done with great care to avoid impact damage
- Off-loading pipes is done by rolling them gently over timber assuring no damage is done to the pipe



* DO NOT DRAG PIPES ACROSS THE GROUND AND AVOID SHARP EDGES

uPVC SOIL & WASTE PIPES (EN 1329 - DIN 19531)

USAGE

Haykal Plast uPVC soil and waste pipes are manufactured in accordance with EN 1329 and DIN 19531 standards, ranging in diameter from 50mm to 200mm. Suitable for soil, waste, and vent applications.

SOCKET TYPE

Haykal Plast uPVC soil and waste pipes range are fitted with a Solvent Cement (S.C.) socket.



EN 1329

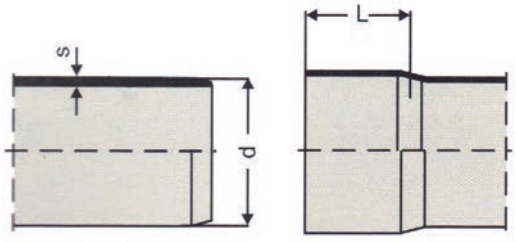
dimensions are in mm

OD	S	SOCKET TYPE
50	3.0	S.C
63	3.0	S.C
75	3.0	S.C
100	3.0	S.C
110	3.2	S.C
125	3.2	S.C
160	4.0	S.C
200	4.9	S.C

DIN 19531

dimensions are in mm

OD	S	SOCKET TYPE
50	1.8	S.C
75	1.8	S.C
110	2.2	S.C
125	2.5	S.C
160	3.2	S.C





All pipes are supplied in 6-meter lengths of a Grey color.
For non-standard lengths and thicknesses, please contact Haykal Plast.

uPVC UNDERGROUND & SEWER PIPES

(EN 1401 - DIN 19534)

USAGE

Haykal Plast uPVC underground and sewer pipes are manufactured in accordance with EN 1401 and DIN 19534 standards, ranging in diameter from 50mm to 630mm, suitable for underground drainage and sewer networks.

SOCKET TYPE

Haykal Plast uPVC underground and sewer pipes range are fitted with a Push-Fit (R.R.) socket.



EN 1401

dimensions are in mm

OD	SN4 - SDR 41	SOCKET TYPE
50	3.0	R.R
75	3.0	R.R
110	3.2	R.R
125	3.2	R.R
160	4.0	R.R
200	4.9	R.R
250	6.2	R.R
315	7.7	R.R
400	9.8	R.R
500*	12.3	R.R
630*	15.4	R.R

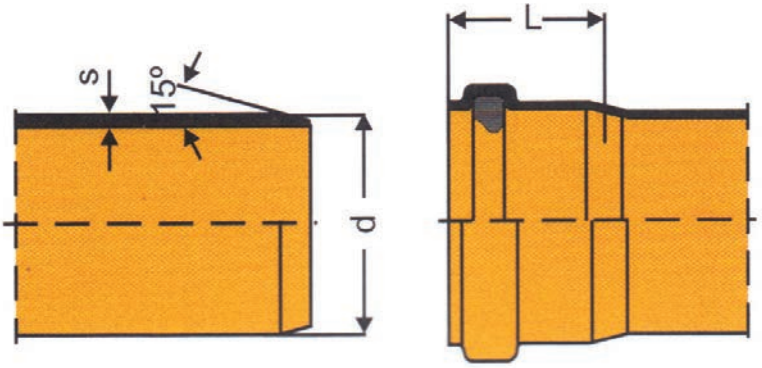
Special Order

DIN 19534

dimensions are in mm

OD	S	SOCKET TYPE
50	3.0	R.R
75	3.0	R.R
110	3.0	R.R
125	3.0	R.R
160	3.6	R.R
200	4.5	R.R
250	6.1	R.R
315	7.7	R.R
400	9.8	R.R
500*	12.3	R.R
630*	15.4	R.R

Special Order



All pipes are supplied in 6-meter lengths of Orange-Brown color.
For non-standard lengths and thicknesses, please contact Haykal Plast.

uPVC TELECOMMUNICATION PIPES (NFT 54-018)

USAGE

Haykal Plast uPVC telecommunication pipes are manufactured in accordance with NFT 54-018 standards, with a diameter of 50mm and 200mm, suitable for ducting telecommunication lines, especially for fiber optic installations.

Haykal Plast also manufactures cable ducts for direct burial with a range from 50mm up to 200mm.

SOCKET TYPE

Haykal Plast uPVC telecommunication pipes are fitted with a Solvent Cement (S.C.) socket.

CABLE DUCTS

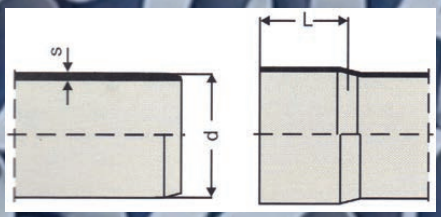
dimensions are in mm

OD	MB (SN4)	DB (SN8)	SOCKET TYPE
50		1.8	S.C
75		2.3	S.C
100	2.5	3.0	S.C
110		3.2	S.C
160	4.0	4.7	S.C
200	4.9	5.9	S.C

NFT 54-018

dimensions are in mm

OD	S	SOCKET TYPE
50	2.0	S.C
100	2.0	S.C
125	2.5	S.C
160	2.5	S.C
200	2.5	S.C



All pipes are supplied in 6-meter lengths of a Grey color.
For non-standard lengths, thicknesses and colors, please contact Haykal Plast.

uPVC PRESSURE PIPES (EN 1452)

USAGE

Haykal Plast uPVC pressure pipes are manufactured in accordance with EN 1452 standard, ranging in diameter from 20mm to 250mm, suitable for pressurised systems and potable water.

SOCKET TYPE

Haykal Plast uPVC pressure pipes range are fitted with a Solvent Cement (S.C) or Push-Fit pressure rubber ring (R.R) sockets.

EN 1452

working pressure in bars at 20°C

OD	PN6	PN10	PN16	PN20
20				2.0*
25				2.5*
32			2.4	3.0*
40		11.9	3.0	3.7*
50	1.8	2.4	3.7	4.6*
63	1.9	3.0	4.7	5.8*
75	2.2	3.6	5.5	6.8*
90	2.7	4.3	6.6	8.2*
110	2.7	4.2	6.6	8.1*
125	3.1	4.8	7.4	9.2*
160	4.0	6.2	8.3	11.8*
200	4.9	7.7	9.5	14.7*
250	6.2	9.6	11.9	18.4*

* Plain Ends

All pipes are supplied in 6-meter lengths of a Dark Grey color.
For non-standard lengths, thicknesses and colors, please contact Haykal Plast.



JOINTING PROCEDURES











Clean pipes and fitting ends from dust and any burrs to ensure a clean surface for bonding.

Insert the pipe or fitting into the joint and mark with a line the point of farthest travel.

Apply solvent cement to both ends.

Re-insert pipe or fitting ensuring that the marked line coincides with the edge of the pipe and leave to dry.

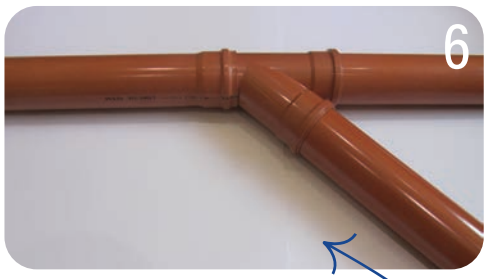












Clean pipes and fitting ends from dust and any burrs. If necessary, chamfer the edge of the pipe to ease insertion.

Insert the pipe or fitting into the joint and mark with a line the point of farthest travel.

Insert O-ring into pipe or fitting making sure it is well seated in the joint

Push the ends of the pipe (or fitting) together applying enough pressure to complete the seal.

PVC Conduits
By Haykal Plast

The EN 61386 Standard is the European benchmark for conduit systems used in electrical installations, ensuring they can safely protect and route cables up to 1,000v AC or 1,500V DC. For PVC (non-metallic) conduits, the standard is divided into several parts that define how the material must perform under mechanical, thermal, and fire stress.

Applications

- Electrical wiring protection
- Underground installations
- Exposed or concealed applications
- Industrial, commercial, and residential projects



Specifications

Material | High-grade PVC
Sizes | Compatible with conduit pipes from 20mm to 32mm
Color | White, grey and black
Standards | Complies with the (EN 61386) in Europe and (UL 651) in US

VOLTAPIPE

CERTIFICATIONS & REPORTS



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